

# A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

## Department of Highways Professional Services Procurement Bulletin 2016-05 Statewide Fracture Critical Bridge Inspection

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

### **I. PROJECT DESCRIPTION**

Project Description – To provide NBI/Element Level/Fracture Critical Inspections of twenty-four (24) Ohio River Bridges on a statewide basis during 2016 and 2017 calendar years.

#### **Contract Package No. 1**

Henderson County	US 41 SB	Henderson SB	051B00007L	Aug-16
Henderson County	US 41 NB	Henderson NB	051B00002R	Aug-16
Campbell County	US 27	Taylor Southgate	019B00076N	Oct-16
Boyd County	US 23S	Ashland 12th St.	010B00040N	Sep-17
*Boyd County	US 23	Ashland 13th St.	010B00058N	Sep-17

#### **Contract Package No. 2**

Boone County	I -275	Carroll Cropper	008B00052N	Jul-16
Ballard County	US 51	Cairo	004B00021N	Aug-16
Kenton County	KY 17	John Roebling	059B00048N	Oct-16
Union County	KY 56	Earl Clements	113B00045N	Apr-17
*Mason County	Old US 62	Simon Kenton	081B00041N	Jul-17

#### **Contract Package No. 3**

Daviess County	US 60	Glover Cary	030B00118N	Jun-16
Jefferson County	I-65	John F. Kennedy	056B00214N	Aug-16
Campbell County	I-471 SB	Dan Beard SB	019B00039L	Sep-16
Campbell County	I-471 NB	Dan Beard NB	019B00039R	Sep-16
*Daviess County	US 231	William Natcher	030B00164N	May-17

#### **Contract Package No. 4**

Jefferson County	US 31	Clark Memorial	056B00136N	Jun-16
**Campbell County	I-275 WB	Combs Hehl WB	019B00040L	Oct-16
**Campbell County	I-275 EB	Combs Hehl EB	019B00040R	Oct-16
McCracken County	US 45	Irvin Cobb	073B00001N	Apr-17
Trimble County	US 421	Milton Madison	112B00040N	Jun-17

#### **Contract Package No. 5**

**Kenton County	I-75	Brent Spence	059B00046N	Sep-16
Kenton County	US 25	Clay Wade Bailey	059B00049N	Oct-16
Greenup County	KY 10S	Carl Perkins	045B00064N	Apr-17
*Mason County	US 62	William Harsha	081B00069N	Oct-17

\* These inspections will include a Load Rating.

\*\* Design plans for necessary maintenance items will be included with approval from the Project Manager.

## **II. PROJECT INFORMATION**

Project Manager – Evan Dick, P.E.  
User Division – Division of Maintenance  
Approximate Fee – \$3,525,000 total  
    Package 1 – \$725,000  
    Package 2 – \$725,000  
    Package 3 – \$675,000  
    Package 4 – \$675,000  
    Package 5 – \$725,000  
Contracting Method – Cost Plus a Fixed Fee  
Project Funding – Federal Funds

## **III. PURPOSE AND NEED**

To ensure the continued structural safety and capacity of bridge structures for use by the motoring public by providing NBI/Element Level/Fracture critical inspections, current load ratings, and design plans for necessary maintenance items.

NBI/Element Level/Fracture Critical inspections are mandated by the FHWA and shall be performed in accordance with the National Bridge Inspection Standards. Reports are filed with the Division of Maintenance records as well as recorded electronically. Copies of reports are also shared with the District personnel and adjoining state DOT's. Inspection reports are used to determine needed repairs, allow for KYTC to prepare a budget for future years and share information and trends with other states.

Load Ratings are also mandated by FHWA. Copies of these reports will be provided to the Division of Maintenance Load Rating Staff as well as electronic files. Load Rating reports and files will be used by KYTC to maintain current ratings.

Design plan sets will be provided to KYTC and become part of project proposals for maintenance items such as, deck overlay, joint rehabilitation, and miscellaneous steel repairs necessary to maintain, restore, and extend the service life and capacity of the structures.

## **IV. DBE REQUIREMENT**

None

## **V. SCOPE OF WORK**

Five (5) consultants will be selected (1, 2, 3, 4 and 5). The consultant ranked first will be awarded first choice of the five (5) packages. The consultant ranked second will be awarded the choice of the remaining four (4) packages. The consultant ranked third will be awarded the choice of the remaining three (3) packages. The consultant ranked fourth will be awarded the choice of the remaining two (2) packages. The consultant ranked fifth will be awarded the remaining package. Each consultant must be prepared to make selection at the time of notification of ranking by the Selection Committee. Inspections packages are randomly listed and do not necessarily reflect the order of importance or anticipated contract size.

## **VI. SPECIAL INSTRUCTIONS**

The Department may modify the Selected Consultants Agreement to include additional bridge inspections and/or necessary bridge maintenance engineering services associated for this project. The additional related engineering services may be requested up to a contract upset limit of \$150,000 above the initial contract amount for each contract package.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

## **VII. PREQUALIFICATION REQUIREMENTS**

To respond to this project, the consultant project team must be prequalified in the following areas by the response due date of this advertisement.

### **BRIDGE MAINTENANCE SERVICES**

- In-Depth Structure Inspection

### **STRUCTURE DESIGN**

- Spans Greater than 500 feet

## **VIII. PROCUREMENT SCHEDULE**

Dates other than Response Date are tentative and provided for information only.

Advertisement Date • November 10, 2015 by 4:30 pm ET (Frankfort Time)

Response Date • December 2, 2015

First Selection Committee • December 7, 2015

Final Selection Committee • December 23, 2015

Contract Scoping Conference • December 30, 2015

Tentative Deadline for Consultant Fee Proposal • January 8, 2016

Contract Negotiations • January 20, 2016

Notice To Proceed • February 18, 2016

## **IX. PROJECT SCHEDULE**

2016 Inspections:

BrM entry completed within same month of each inspection due

Final reports completed within 60 days after each bridge field inspection

2017 Inspections:

BrM entry completed within same month of each inspection due

Final reports completed within 60 days after each bridge field inspection

## **X. EVALUATION FACTORS**

1. In-house capability to perform the required services. (20 points)
2. Experience with in-depth, fracture critical inspections, and load rating. (20 points)

3. Unique bridge inspection access techniques to minimize traffic. (20 points)
4. Consultant's past performance on similar projects. (10 points)
5. Capacity to comply with schedules (10 points)
6. Consultant's offices where work is to be performed (2 points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

**XI. SELECTION COMMITTEE MEMBERS**

1. Evan Dick, P.E., User Division
2. Rick Rogers, User Division
3. Kevin Sandefur, P.E., Secretary's Pool
4. Ron Matar, P.E., Secretary's Pool
5. Joe Walker, Governor's Pool